

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/011851

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N15/10 C07H1/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N C07H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 102 01 858 A (TITTGEN BIOTECHNOLOGIE DR) 14 August 2003 (2003-08-14) the whole document	1-23
X	EP 0 442 026 A (TALENT SRL) 21 August 1991 (1991-08-21) the whole document	1-23
A	US 5 187 083 A (MULLIS KARY B) 16 February 1993 (1993-02-16)	
A	US 6 020 186 A (HENCO KARSTEN ET AL) 1 February 2000 (2000-02-01)	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

*** Special categories of cited documents:**

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Date of the actual completion of the international search

7 February 2005

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16/02/2005

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10201858	A	14-08-2003	DE 10201858 A1	14-08-2003
EP 0442026	A	21-08-1991	IT 1240870 B	17-12-1993
			US 5596092 A	21-01-1997
			AT 132158 T	15-01-1996
			AU 7029691 A	15-08-1991
			CA 2019911 A1	14-08-1991
			DE 69024477 D1	08-02-1996
			DE 69024477 T2	15-05-1996
			EP 0442026 A2	21-08-1991
			JP 5015373 A	26-01-1993
US 5187083	A	16-02-1993	US 5234824 A	10-08-1993
US 6020186	A	01-02-2000	DE 4034036 A1	30-04-1992
			DE 59105403 D1	08-06-1995
			WO 9207863 A1	14-05-1992
			EP 0555270 A1	18-08-1993
			US 5652141 A	29-07-1997